

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A composition comprising
  - a. Cocoa or cocoa extract; and
  - b. a plant derived dopamine D2 receptor agonist.
2. (original) The composition according to claim 1, wherein component a) is cocoa.
3. (original) The composition according to claim 1, wherein said cocoa or cocoa extract comprises a mixture of pharmacologically active components.
4. (original) The composition according to claim 1, wherein component a) comprises a compound selected from the group consisting of theobromine, theophylline, phenylethylamine, tyramine and tryptamine.
5. (original) The composition according to claim 1, wherein component a) is in an amount of 1 mg to 250 gram per dose.
6. (original) The composition according to claim 1, wherein the dopamine D2 receptor agonist is selected from the group consisting of Vitex angus castus, Cimicifuga racemosa, extract of Vitex agnus castus and extract of Cimicifuga racemosa.

7. (currently amended) The composition according to claim 1, wherein the dopamine D2 receptor agonist is selected from the group consisting of *Vitex angus castus* ~~or~~ and extract of *Vitex angus castus*.

8. (currently amended) The composition according to claim 1, wherein the dopamine D2 receptor agonist is selected from the group consisting of *Cimicifuga racemosa* ~~or~~ and extract of *Cimicifuga racemosa*.

9. (original) A composition according to claim 1, further comprising a component selected from the group consisting of polyunsaturated fatty acids, copper, zinc, magnesium, vitamin B6, vitamin B12 and tocopherol.

10. (withdrawn) A method of treating or alleviating depression, carbohydrate craving, chocolate craving and/or erectile dysfunction, comprising administering to a subject in need thereof an effective amount of a composition according to claim 1.

11. (withdrawn) A method for treating, preventing and/or alleviating menopausal complaints, comprising administering to a subject in need thereof an effective amount of a composition according to claim 8.

12. (withdrawn) A method for treating, preventing and/or alleviating premenstrual syndrome, comprising administering to a subject in need thereof an effective amount of a composition according to claim 7.

13. (withdrawn) A composition comprising

- a. Cocoa or cocoa extract; and
- b. a plant extract selected from the group consisting of *Vitex angus castus*, *Cimicifuga racemosa*, extracts of *Vitex angus castus* and extracts of *Cimicifuga racemosa*.

14. (withdrawn) A composition according to claim 13, wherein component a) is cocoa.

15. (withdrawn) A composition according to claim 13, wherein component a) comprises a mixture of pharmacologically active components.

16. (withdrawn) A composition according to claim 13, wherein component a) comprises a compound selected from the group consisting of theobromine, theophylline, phenylethylamine, tyramine and tryptamine.

17. (withdrawn/currently amended) A composition according to claim 13, wherein component b) is selected from the group consisting of *Vitex angus castus* ~~or~~ and extract of *Vitex angus castus*.

18. (withdrawn/currently amended) A composition according to claim 13, wherein component b) is selected from the group consisting of *Cimicifuga racemosa* ~~or~~ and extract of *Cimicifuga racemosa*.

19. (withdrawn) A composition according to claim 13, further comprising a component selected from the group consisting

of polyunsaturated fatty acids, copper, zinc, magnesium, vitamin B6, vitamin B12 and tocopherol..

20. (withdrawn) A method of treating or alleviating of depression, carbohydrate craving, chocolate craving and/or erectile dysfunction, comprising administering to a subject in need thereof an effective amount of a composition according to claim 13.

21. (withdrawn) A method for treating, preventing and/or alleviating menopausal complaints, comprising administering to a subject in need thereof an effective amount of a composition according to claim 18.

22. (withdrawn) A method for treating, preventing and/or alleviating premenstrual discomfort, comprising administering to a subject in need of an effective amount of a composition according to claim 17.

23. (previously presented) A method of treating or alleviating depression, carbohydrate craving, chocolate craving, and/or erectile dysfunction, comprising administering to a subject in need of such treatment an effective amount of cocoa extract, or a pharmacologically active component of cocoa and at least one plant-derived dopamine D2 receptor agonist.

24. (previously presented) The method of claim 23, wherein said pharmacologically active cocoa comprises a xanthine and said dopamine D2 receptor agonist comprises a labdane diterpenoid.

25. (previously presented) The method of claim 23, wherein said cocoa and said agonist are administered orally.

26. (new) The method according to claim 23, wherein said dopamine D2 receptor agonist is selected from the group consisting of *Cimicifuga racemosa* extract and extract of *Cimicifuga racemosa*.

27. (new) A composition comprising:

a) cocoa or cocoa extract in an amount of 1 mg to 250 g per dose; and

b) a dopamine D2 receptor agonist selected from the group consisting of *Cimicifuga racemosa* and an extract of *Cimicifuga racemosa*.

28. (new) A method of treating or alleviating depression, carbohydrate craving, chocolate craving, and/or erectile dysfunction, comprising administering to a subject in need of such treatment an effective amount of a composition according to claim 27.